

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-096874

(43)Date of publication of application : 03.04.2003

(51)Int.Cl.

E03D 9/05

E03D 11/02

(21)Application number : 2001-292145

(71)Applicant : MARUHARA TAKESHI
SATO TSUTOMU

(22)Date of filing : 25.09.2001

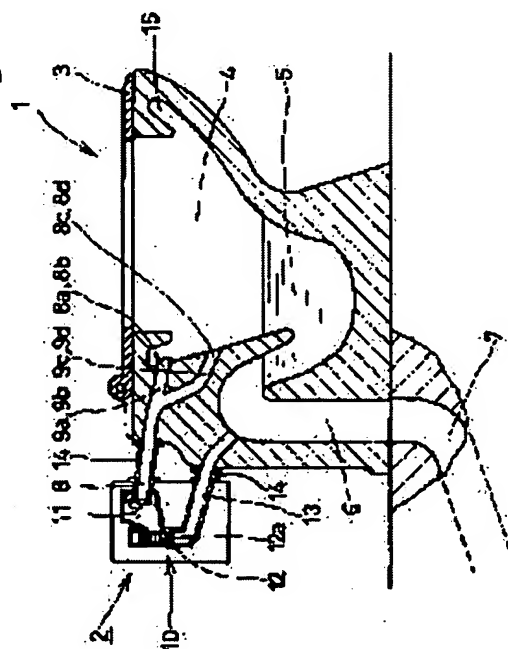
(72)Inventor : MARUHARA TAKESHI
SATO TSUTOMU

(54) DEODORIZING DEVICE FOR WATER CLOSET

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a deodorizing device for a water closet, which can directly discharge a malodor from the water closet into a drain pipe for human waste, and can prevent the malodor from the drain pipe from flowing backward, even if a deodorizing fan is stopped.

SOLUTION: To suck in the malodor in a bowl part of a water closet body and transfer the malodor to the drain pipe for the human waste, this deodorizing device for the water closet is fitted with a deodorizing pipe, the deodorizing fan which is installed midway through the deodorizing pipe, and a check valve which is located between an opening of the bowl part and the deodorizing fan so as to allow the malodor to be transferred only in a direction from the opening to the drain pipe.



LEGAL STATUS

[Date of request for examination] 16.01.2003

[Date of sending the examiner's decision of rejection] 15.03.2005

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]